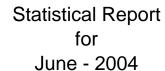
Bureau of Land Management



Amarillo Field Office Helium Operations







Distribution:

Fluid Minerals Group Manager, Washington Office NMSO, New Mexico State Director NMSO, Associate State Director NMSO, Petroleum Engineer Field Manager, Amarillo Field Office Assistant Field Managers (3)

Team Leaders

- -Federal Leased Lands
- -Resources Evaluation & Gas Analysis
- -Natural Gas Engineering

List of Tables

- Table 1 Summary of Helium Operations
- * Table 2 In Kind Helium Sales

Table 2.1 - Open Market/Reserve Sell-down Helium & Natural Gas Sales

Table 3 - Helium Resources Evaluation

- * Table 4 Federal Acquisition & Storage Operations
- * Table 4.1 Helium Storage Contract Activity
 - Table 5 Pipeline & Cliffside Field Operations
 - Table 6 Helium Enrichment Unit Operations

Amarillo, Texas

Issued: August 3, 2004

*Tables include COMPANY PROPRIETARY INFORMATION (shaded) and is for internal use only.

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Approved for distribution: Nelson R. Bullard Date: 08/03/2004

In Kind Sales	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges E	Billed (\$)**
Total month	30,965	2,065	0	4,898	7,846	7,920	53,694	52,862		\$2,854,224
Total FYTD	77,824	5,334	0	18,897	22,113	32,473	156,642	154,217		\$8,250,891
Total CYTD	50,218	3,808	0	9,573	17,972	23,373	104,944	103,319		\$5,579,069
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							251	147,801	101,239	1,307,739
Volume outstanding							52,978			
Open Market Sales				Award	Volume	Outst	anding	Sales	Charges E	Billed (\$)**
Total month					0		0	0		\$0
Total FYTD					675,600		168,900	506,700		\$27,361,800
Total CYTD					0			487,800		\$26,341,200
Open Market Transfers Transferred							Month 500	FYTD 916,700	CYTD 506,700	Cumulative 2,146,700
Volume outstanding							0	0.0,700	000,700	2,110,100
Natural Gas/Liquids Sales	. [Natural (Gas (Mcf)	NGL	s (gal)	Decat	therms	\$/unit	Charges E	Rilled (\$)**
Total month	· •	rtatarar	151,104	1102	41.767	2000	208,057	\$5.4121	Charges E	\$1,119,560
Total FYTD			2,040,007		451,947		2,303,771	\$5.1104		\$11,702,169
Total CYTD			1,546,196		402,737		1,730,041	\$5.2845		\$9,084,793
		Month		Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative
Durah and Halium	Helium	Helium		Low Purity			v 50%	Co	ontained Heliu	ım
Purchased Helium	Mixture	Percent	Helium	He	lium	не	lium			20.470.445
Total purchased Helium transferred			751					1,064,501	607,939	32,176,145 5,439,779
Purchased helium in storage			751					1,004,501	007,939	26,736,366
· ·										20,730,300
Private Plant Activity										
Accepted in storage system	86,052	66.3%	57,073	791	10,709	(496)	(2,217)	561,432	362,987	8,365,659
Redelivered from storage system	(262,169)	72.1%	(189,098)	0	0	1	527	(1,448,190)	(973,414)	(13,060,568)
Total apparent crude produced^	173,428	70.5%	122,188					1,205,289	791,534	8,382,530
Total apparent crude refined^	(349,545)	72.7%	(254,213)					(2,092,995)	(1,402,908)	(13,633,350)
			Metered Gas	,		Transfe	rred Gas	Stored	Charge	e Rillad
	Gross Gas	Helium	Wictorea Gas	Helium			lium	Helium	(\$)	
Storage Contract Activity	Mo	nth	FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD
Crude Acquired	84,930	56,577	559,215	361,614	25,734,223	36,479	28,728,191			
Crude Disposed	261,251	189,097	1,447,663	972,892	24,885,421	35,728	25,916,165		\$308,835	Storage Fees
Grade-A Rdlvrd	0	0	0	0	1,478,718	0	0		\$111,738	RMF Fees
Net/Balance	(176,321)	(132,520)	(888,448)	(611,278)	(629,916)	751	2,812,026	2,182,110	\$420,573	\$3,338,616
		-					0.			
Bush Dome Reservoir Ope	erations		Mor	ntn	Fisca	l Year	Since S		Sin Field Di	
Conservation gases from	all course	_	Gross	Net	Gross	Net	Conservation		Field Di	scovery

Bush Dome Reservoir Operations	Month		Fiscal Year		Since Start of		Since	
					Conservation	on Program	Field Dis	scovery
Conservation gases from all sources	Gross	Net	Gross	Net	Gross	Net	Gross	Net
In underground storage, beg. of period	40,561,638	29,231,543	41,328,824	29,775,145	490,620	490,620	0	0
Net Activity	(178,490)	(132,129)	(945,676)	(675,732)	39,892,528	28,608,794	40,383,148	29,099,414
Total in underground storage	40,383,148	29,099,414	40,383,148	29,099,414	40,383,148	29,099,414	40,383,148	29,099,414
Native Gas								
Total in place, beg. of period	203,013,734		206,235,982		265,724,755		318,727,000	
Net Activity	(280,275)		(3,502,523)		(62,991,296)		(115,993,541)	
Total in place, end of month	202,733,459		202,733,459		202,733,459		202,733,459	
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	243,575,373		247,564,806		266,215,375		318,727,000	
Net Activity	(458,765)		(4,448,198)		(23,098,768)		(75,610,393)	
Total gases in place, end of month	243,116,607		243,116,607		243,116,607		243,116,607	

		Month		FYTD	
		\$1,172,278		\$5,857,993	
Submitted	0	Received	7	Analyzed	97
ĺ	Submitted	Submitted 0	\$1,172,278	\$1,172,278	\$1,172,278 \$5,857,993

Helium Enrichment Unit Operations	Month			FYTD			Cumulative		
	Helium-Gas	Helium		Helium-Gas	Helium		Helium-Gas	Helium	
	Mixture	Percent	Helium	Mixture	Percent	Helium	Mixture	Percent	Helium
Gas Processed									
Plant feed	354,809	16.9%	59,910	4,195,031	19.1%	800,013	6,956,745	16.6%	1,152,877
Helium product	69,874	77.6%	54,230	993,058	77.4%	768,832	1,419,275	76.9%	1,091,352
Residue natural gas	154,339	0.0%	20	2,035,296	0.0%	424	3,564,941	0.0%	434
Vent, flare & plant losses	126,358	4.6%	5,751	1,155,468	2.7%	30,961	2,281,215	2.7%	61,294
Helium recovery efficiency			90.6%			96.2%			94.7%

^{*} Volumes in Mcf at 14.7 psia & 70°F; all other volumes in 14.65 psia & 60°F

[^] Other sources of helium are accessed but data are not available

	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges Billed (\$)**
In Kind Helium	1								
Aeriform, Contract	no. INC98-0	101							(billed quarterly)
Month									
FYTD AGA Gas, Inc., Con	tract no. INC	398-0102							
Month		700 0102							
FYTD									
AirGas, Inc., Contra	act no. INC9	8-0103							
Month FYTD									
Air Liquide America	a, L.P., Cont	ract no. INC	98-0104)	
Month									
FYTD	Contract no	INCOS O40	<u> </u>						
Air Products, L.P.,	Contract no.	INC98-010	o						
FYTD									
BOC Gases, Contra	ct no. INC98	3-0106						_	
Month									
FYTD Corp Brothers, Inc.	Contract n	0. INC98-01	07						
Month	, contract in	0. 114030 01	<u> </u>			-			
FYTD					\Diamond	\bigwedge			
FIBA Technologies	, Inc., Contra	act no. INC	98-0108						
Month FYTD									
General Air Service	& Supply C	o., Contrac	t no. INC9	8-0109	\prec ' \leftarrow				
Month	11.7	,			-//				
FYTD		111000 044							
Jack B. Kelley Co., Month	Contract no	. INC98-011	0		\longrightarrow				
FYTD									
Portland Welding S	upply, Cont	ract no. INC	98-0111						
Month									
FYTD Praxair, Inc., Contra	act no INC9	8-0112	-(*				
Month	10. 1103	00112	-	//					
FYTD									
United States Weld	ing, Inc., Co	ntract	NC98-0113	3					
Month FYTD									
Tri-Gas, Inc., Contr	ag no. INC	s-0114	<u> </u>						
Month									
FYTD		11000	0445						
Messer Griesheim I	ina., trac	ct no. INC00	1-0115						
FYTD									
Total month	30,965	2,065	0	•	7,846		53,694	52,862	\$2,854,224
Total FYTD Total CYTD	77,824 50,218	5,334 3,808	0		22,113 17,972		156,642 104,944	154,217 103,319	\$8,250,891 \$5,579,069
Cumulative	782,806	23,737	58		203,549		1,382,115	1,360,642	\$68,487,146
In Kind Transf	ers						Month	FYTD	CYTD Cumulative
Transferred	1						251	147,801	101,239 1,307,739
Volume outstanding							52,978		

^{*} Volumes in Mcf at 14.7 psia & 70°F

⁺ Volumes in Mcf at 14.65 psia & 60°F

	Award Volume*	Outstanding*	Sales*	Charges	Billed (\$)**
Conservation Helium					
Air Liquide America, L.P.					(billed quarterly)
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	50,000		50,000	\$2,625,000	
Air Products, L.P.					
Month	0	0	0	\$0	
FYTD	0	0	0	\$0	
Cumulative	680,400		680,400	\$35,721,000	
BOC Gases					
Month	0	0	0	\$0	
FYTD	550,000	137,500	412,500	\$22,275,000	
Cumulative	1,384,000		1,246,500	\$66,060,000	
Keyes Helium Co.					
Month	0	0	0	\$0	
FYTD	75,600	18,900	56,700	\$3,061,800	
Cumulative	151,200		132,300	\$7,030,800	
AGA Gas, Inc.					
Month	0	0	0	\$0	
FYTD	50,000	12,500	37,500	\$2,025,000	
Cumulative	50,000		37,500	\$2,025,000	
		1			
Total month	0	0	0		\$0
Total FYTD	675,600	168,900	506,700		\$27,361,800
Total CYTD	0		487,800		\$26,341,200
Cumulative	2,315,600		2,146,700		\$113,461,800
Open Market Transfers		Month	FYTD	CYTD	Cumulative
Transferred		500	916,700	506,700	2,146,700
Volume outstanding		0			

^{*} Volumes in Mcf at 14.65 psia & 60°F

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	\$/unit	Charges I	Billed (\$)**
Natural Gas/	Liquids Sales					
El Paso Natural C	Gas	Provides Firm/Inter	ruptible natural gas t	ransportation service	ces	(billed monthly)
Month	150,283		165,762	(\$0.1657)	(\$27,460)	
FYTD	1,993,376		2,202,500	(\$0.1122)	(\$247,141)	
Cumulative	3,184,797		3,524,848	(\$0.1169)	(\$411,902)	
Minerals Manage	ment Service	Provides natural ga	s marketing services	s under a Cooperativ	e Agreement	
Month				\$0.0000	\$0	
FYTD				\$0.0000	\$0	
Cumulative				(\$0.0039)	(\$12,448)	
Cenergy Marketin	ng					
Month	150,283	0	203,600	\$5.506195	\$1,114,606	
FYTD	2,028,928	0	2,255,987	\$5.185287	\$11,626,954	
Cumulative	3,264,927	0	3,532,861	\$5.122552	\$17,996,242	
Seminole Transp	ortation & Gathering					
Month	0	41,767	4,457	\$7.272782	\$32,415	
FYTD	0	451,947	47,784	\$6.746102	\$322,356	
Cumulative	0	451,947	47,784	\$6.746102	\$322,356	
Total month	150,283	41,767	208,057	\$5.412055		\$1,119,560
Total FYTD	2,028,928	451,947	2,303,771	\$5.110384		\$11,702,169
Total CYTD	1,537,798	402,737	1,730,041	\$5.284458		\$9,084,793
Cumulative	3,264,927	451,947	3,580,645	\$5.025706		\$17,894,248

^{***} Volumes in Mcf at 14.73 psia & 60°F

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$1,169,780	\$5,823,154
Natural Gas Royalties (1)	\$3,146	\$28,626
Natural Gas Rentals	\$0	\$0
Other	\$6,142	\$43,671
Revenue Collected from Federal Lease Holds	\$1,172,278	\$5,857,993

^{*}Totals do not sum

Helium Analysis and Evaulation	Month	FYTD
Number of Sample Request Letters Sent	0	56
Number of Samples Received	7	24
Number of Samples Analyzed	9	40
Total Number of Samples Analyzed For Resources Division	24	70
Total Number of Samples Analyzed (2)	97	821

U. S. Helium Production

Domestic	CY Volumes
1998 Helium Sold	4,029,755
1999 Helium Sold	4,203,019
2000 Helium Sold	4,564,589
2001 Helium Sold	4,756,719
2002 Helium Sold	4,584,904
2003 Helium Sold	4,399,944
2004 Helium Sold (projected)	4,500,000
Estimated Helium Resources (as of 01/01/2003)	305,000,000

		FY-2003	CY-2003
U.S. Helium Exports	(3)	1,457,623	1,487,258

- (1) Includes drip gas sales & other miscellaneous gas sales.
- (2) Includes pipeline, field survey, and other requested analyses.
- (3) Data from Department of Commerce Bureau of the Census.

All Volumes in Mcf at 14.65 psia & 60°F

7 til Volumos im Morat 1	T.00 pola a c									
		Month		Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative
	Helium-Gas	Helium		Low P	uritv	Belov	v 50%	_		
	Mixture	Percent	Helium	Heliu	•		ium	Co	ontained He	elium
Purchased						L		ı		
Cities Service Helex - Jayhawk					1					6,403,147
National Helium Corp Liberal										11,561,830
Nothern Helex Co Bushton					ļ					4,475,921
Phillips Petroleum - Dumas					ļ					5,111,036
Phillips Petroleum - Sherman					ļ					4,624,211
Total purchased										32,176,145
Purchased helium produced/trans	ferred		751					1,064,501	607,939	5,439,779
Balance of purchased helium in st								1,001,001		26,736,366
Bureau Plants										
Delivery/Handling Credit	0		0					0		13,205,259
Withdrawal	0		0					0		7,540,255
Private Plants										
Helium accepted under terminated	d contracts (pre-	-FY96)								16,453,073
Helium redelivered under terminal										13,007,062
Pioneer - Fain*	()									,,
GPM - Dumas*										١
Crescendo - Sunray*									_ \	\
Air Products - Guymon*										/ /
GPM - Sherhan*									Z	4
GPM to APG+										
Total GPM - Sherhan										
Keyes Helium - Sturgis* ^								\\\		
Keyes Helium - Sturgis* ^										
Total Keyes Helium - Sturgis* ^										
Pioneer - Satanta*							>>/	>		
Williams - Baker*					1	h 1/2				
National Helium - Liberal*						1//-	//	l		
National to APL+					//(
Total National Helium - Liberal										
Air Products - Liberal*					4	}				
Praxair - Jayhawk* ^				/	-))					
Praxair - Jayhawk* ^				7///						
Total Praxair - Jayhawk* ^		. (2 (
Amoco to Praxair+			(/	<i>D</i>	/					
CIG - Lakin*										
BOC Gases - Otis* ^		/)								
KN Processing - Bushton*		/	y							
KNP to Praxair+										
Total KN Processing - Bushton										
Praxair - Bushton*										
Plant Inactive										
Accepted in storage system	86,052	66.3%	57,073	791	10,709	(496)	(2,217)	561,432	362,987	7 8,365,659
Redelivered from storage system	(262,169)	72.1%	(189,098)		ļ	1	527	(1,448,190)	(973,414	4) (13,060,568)
T-4-1	470 400	70.50/	400 400	l		l		4 005 000	704.50	4 0000 500

- * Denotes CUSTODY TRANSFER activity in to or out of the crude helium pipeline system
- + Denotes activity between private plants that does not enter the crude helium pipeline system

70.5%

72.7%

122,188

(254,213)

^ Other sources of helium are accessed by helium refiners, but data are not available to BLM

Acquisition & Storage Summary - Contained Helium

173,428

(349,545)

Total apparent crude produced^

Total apparent crude refined^

	Month	FYTD	Cumulative
Total acquisition	57,073	561,432	70,200,136
Total disposition	189,098	1,448,190	42,537,957
Total stored in conservation system	(132,025)	(886,758)	27,662,179

1,205,289

791,534

(2,092,995) (1,402,908) (13,633,350

8,382,530

Helium in pipeline system plus apparent losses	(1,437,235)
Helium in underground storage	29,099,414

i	Metered Gas						Transferred Gas Stored Charges Billed				oc Billod
	Gross Gas F	Jolium %	Helium	eu Gas	Helium			elium	Helium		\$)**
		Month	i iciiuiii	FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month (\	FYTD
Total All Contra		IVIOTIUI		1110	0110	Julilalive	IVIOLIUI	Julilalative	LOIVI	WOITH	1110
Crude Acquired	84,930	66.6%	56,577	559,215	361,614	25,734,223	36,479	28,728,191			
Crude Disposed	261,251	72.4%	189,097	1,447,663	972,892	24,885,421	35,728	25,916,165		\$308,835	Storage Fees
Grade-A Rdlvrd	0	12.470	0 00	0 0	0 0	1,478,718	33,720	23,910,103		\$111,738	RMF Fees
Net/Balance	(176,321)		(132,520)	(888,448)	(611,278)	(629,916)	751	2,812,026	2,182,110	\$420,573	\$3,338,616
Total Prior Cont		INATED)	(102,020)	(000,110)	(011,210)	(020,010)	701	2,012,020	2,102,110	ψ 120,010	φο,σσσ,στσ
Crude Acquired	 			0	0	17,406,129	0	18,196,898			
Crude Disposed				0	0	11,830,863	0	19,148,768			
Grade-A Rdlvrd				0	0	1,478,718	•	, ,			
Number of trailers				0	0	9,834		Î	0		
BOC Gases, Co	ntract no. 199	95-3249				.,		<u> </u>			
Crude Acquired											
Crude Disposed										_	
Net/Balance										Ī	
Praxair, Inc., Co	ntract no. 19	95-3251				months - pro	jected depl	etion	<u> </u>		
Crude Acquired											
Crude Disposed											
Net/Balance										\sim	
Air Products, L.	P., Contract i	no. 1995-3	256								
Crude Acquired											
Crude Disposed											
Net/Balance											
Oneok Field Ser	vices, Contra	act no. 199	5-3258							>	
Crude Acquired											
Crude Disposed											
Net/Balance									\sim		
ExxonMobil Gas	s Marketing C	co., Contra	ct no. 199	95-3280							
Crude Acquired											
Crude Disposed						\Diamond				6	
Net/Balance	-t 400F 0	000					\Box \subset	_//			
Pioneer, Contra	ct no. 1995-3	286					$\overline{}$				
Crude Acquired Crude Disposed											
Net/Balance						<1		İ		ii ii	
Keyes Helium C	Contract	no 1005-2	297			$\overline{}$	•				
Crude Acquired	o., Contract	110. 1995-5	201			$\overline{}$					
Crude Disposed						$\overline{}$					
Net/Balance				\sim				İ		i i	
Messer Grieshe	im Ind Cont	ract no. 10	198-3283			months - pro	incted donl	otion II			
Crude Acquired		. 401 110. 13	750 5205			months - pro	jecteu uepi	- I			
Crude Disposed											
Net/Balance								İī		Ī	
Linde Gas LLC,	Contract no	2001-3282	2		•						
Crude Acquired		./									
Crude Disposed											
Net/Balance								İ			
Mitsui & Co. (U.	S.A.), J, Co	ract no.	2-328	9		months - pro	iected denl	etion			
Crude Acquired	-3 :,, -3, -6)	7 320	-		onais pro	Jeorga dopi	J			
Crude Disposed											
Net/Balance								İ			
Air Liquide Ame	rica, Co	ntract no.	2003-328	4							
Crude Acquired											
Crude Disposed											
Net/Balance											
<u> </u>											
Government He	lium										
Crude Acquired	-					I	0	32,176,145			
·	In Kind Sales						251				
•	Open Market/R	eserve Sell	down				500				
Net/Balance	Sport Markovit	.556, 75 6611	~~····				550	5, .55,775	26,736,366		
								J.	20,730,300		

Table 5 - Pipeline & Cliffside Field Operations

All Volumes in Mcf at 14.65 psia & 60°F

					Since Start of		Si	nce
	Мо	nth	Fiscal	Year	Conservation	n Program	Field D	iscovery
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
Conservation Pipeline								
Beginning of period inventory (1)	44,415	33,083	46,638	32,039	0	0	1	
Measured to pipeline (2)	256,541	185,798	2,234,526	1,605,738	113,110,478	80,788,348		
Measured from pipeline (3)	262,169	189,098	2,047,984	1,448,190	47,253,498	33,643,243		
Measured into Bush Dome (4)	496	391	184,128	142,422	64,541,135	46,379,959		
Calculated inventory (1+2-3-4)	38,291	29,392	49,051	47,165	1,315,845	765,146		
End of period inventory	39,135	28,287	39,135	28,287	39,135	28,287		
Line gain or (loss)	844	(1,105)	(9,917)	(18,878)	(1,276,711)	(736,859)		
Percent gain (loss) of total measured	0.163%	-0.295%	-0.222%	-0.591%	-0.568%	-0.458%		
Bush Dome Reservoir Ope	erations							
Conservation gases from all source	es							
In underground storage, beg. of period	40,561,638	29,231,543	41,328,824	29,775,145	490,620	490,620	0	0
Injected during period to date	496	391	184,128	142,422	64,536,993	46,376,613	65,144,893	46,984,513
Withdrawn during period to date	178,987	132,520	1,129,803	818,154	24,690,614	17,813,968	24,807,894	17,931,248
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,149
Total in underground storage	40,383,148	29,099,414	40,383,148	29,099,414	40,383,148	29,099,414	40,383,148	29,099,414
Native Gas								
Total in place, beg. of period	203,013,734		206,235,982	•	265,724,755	<u>-</u>	318,727,000	
Recoverable in place, beg. of period	193,962,734		197,184,982		256,673,755		309,676,000	
Production during period to date	280,275		3,502,523		62,991,296		115,993,541	
Total in place, end of month	202,733,459		202,733,459		202,733,459		202,733,459	
Recoverable in place, end of month	193,682,459		193,682,459		193,682,459		193,682,459	
Native Gas plus Conservation Gas	ses							
Total gases in place, beg. of period	243,575,373	•	247,564,806		266,215,375	•	318,727,000	
Total gases in place, end of month	243,116,607		243,116,607		243,116,607		243,116,607	
Change during period	(458,765)		(4,448,198)		(23,098,768)		(75,610,393)	
Ave. reservoir pressure, beg. of period	622.8		636.3		685.0		814.1	
Tuck Trigg Reservoir Oper			000.0		000.0	ļ	014.1	
Native Gas	ations							
Total in place, beg. of period	5,198,688		5,198,688		1		5,890,000	
Recoverable in place, beg. of period	4,528,688		4,528,688				5,220,000	
Production during period to date	4,320,000		4,320,000				691,312	
Total in place, end of month	5,198,688		5,198,688				5,198,688	
Recoverable in place, end of month	4,528,688		4,528,688				4,528,688	
recoverable in place, end of month	4,320,000		4,320,000				4,320,000	
Ave. reservoir pressure, beg. of period	483.7		483.7				548.0	
Natural Gas Sales - Booste	-	ssor Ope	erations			To	tals	Cumulative
Field/HEU Compressor Operation	S					Month	FYTD	Jumulative
Spot gas fuel price	<u></u>		<u></u>		\$ per/MMBTU	\$5.51	\$4.70	\$4.33
Fuel used					total MMBTU	6,671	60,069	170,901
Field compressor fuel revenue					\$dollars	\$15,042	\$50,179	\$404,619
HEU compressor fuel credit					\$dollars	\$10,446	\$118,328	\$170,424
#1 Compressor run time					hours	272	1661	15,147
#2 Compressor run time					hours	266	2444	8,015
#3 Compressor run time					hours	302	2472	5,911
Field Compressor Charges						Ch	arges Billed	(\$)*
BOC Gases, Contract no. 1995-3249								
Praxair, Inc., Contract no. 1995-3251								
Air Products, L.P., Contract no. 1995-								
Keyes Helium Co., Contract no. 1995	-3287							
SubTotal - Cliffside Refiners, LP			ster compression	,		(\$56,628)	(\$547,286)	(\$3,256,904)
Cliffside Refiners, LP, GDA010003		(BLM provide	d fuel, labor, su	oplies, etc.)		\$9,643	<u>\$149,932</u>	\$766,425
Net Total - Cliffside Refiners, LF	•					(\$46,985)	(\$397,355)	(\$2,490,480)
						*R	Rounded to n	earest dollar

Table 6 - Helium Enrichment Unit Operations

All Volumes in Mcf at 14.65 psia & 60°F (*except where noted)

	Month			FYTD			Cumulative		
	Helium-Gas	Helium		Helium-Gas	Helium		Helium-Gas	Helium	
	Mixture	Percent	Helium	Mixture	Percent	Helium	Mixture	Percent	Helium
Gas Processed									
Plant feed	354,809	16.9%	59,910	4,195,031	19.1%	800,013	6,956,745	16.6%	1,152,877
Helium product	69,874	77.6%	54,230	993,058	77.4%	768,832	1,419,275	76.9%	1,091,352
Residue natural gas	154,339	0.0%	20	2,035,296	0.0%	424	3,564,941	0.0%	434
Vent, flare & plant losses	126,358	4.6%	5,751	1,155,468	2.7%	30,961	2,281,215	2.7%	61,294
Helium recovery efficiency			90.6%			96.2%			94.7%

	Month				FYTD			Cumulative		
	Volume*	KWh	Runtime	Volume*	KWh	Runtime	Volume*	KWh	Runtime	
Natural gas liquids (*gallons)	40,651			459,567			459,567			
Utility Usage										
K100 compressor		355,842	536		3,730,472	5,407		8,687,033	9,395	
K600 compressor		951,573	424		10,952,116	4,923		18,630,595	8,431	
K610 compressor			405			4,726			7,662	
Dew point control system			423		116,557	4,266		116,557	4,266	
Other electrical usage		231,592			2,031,334	6,576		4,327,019	11,416	
Fuel gas (*Mcf)	2,105			24,802			45,509			
Water (*gallons)	2,015			31,017			45,307			

HEU Runtime & Charges		/lonth	FY	TD	Cumulative	
Enrichment Unit Runtime	Runtime	Percent	Runtime	Percent	Runtime	Percent
Processing feed gas	53	6 74.4%	5,407	82.2%	9,395	82.3%
Producing natural gas liquids	42	3 58.7%	4,266	64.9%	4,266	37.4%
Producing helium product	40	5 56.2%	4,726	71.9%	7,662	67.1%
Producing residue gas	42	4 58.8%	4,923	74.9%	8,431	73.9%
E : 1 : 11 : 01		01 511 1/4)*				

Enrichment Unit Charges	Charges Billed (\$)*				
Reservior Management Fees (RMF)		\$111,738	\$701,305		\$1,273,474
Total operating costs		(\$630,960)	(\$7,537,959)		(\$12,530,055)
Labor	\$32,270		\$314,243	\$764,232	
Compressor fuel	\$18,666		\$125,580	\$152,169	
HEU fuel	\$14,364		\$123,384	\$180,791	
Electric power	\$89,283		\$916,867	\$1,231,549	
Other	\$17,250		\$155,250	\$258,750	
Sub Total - Items provided by BLM		\$171,833	<u>\$3,405,816</u>		\$5,699,148
Total - Cliffside Refiners, LP, GDA030001		(\$459.127)	(\$4.132.143)		(\$6.830.907)

*Rounded to nearest dollar